

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A heat exchanger, ~~especially a stacked plate oil cooler~~, having a plate-type design, comprising:

at least ~~[[with]]~~ two adjacent heat exchanger plates defining an interspace through which a heat exchanger medium₁ or a second medium₂ to be cooled or to be heated flows, wherein the at least two adjacent heat exchanger plates are arranged in a stack, and

at one end a base plate, wherein the base plate is ~~[[being]]~~ provided at one end of the stack,

wherein the base plate ~~[[which]]~~ is in at least substantially flat contact with an ~~[[the]]~~ adjacent outermost heat exchanger plate of the heat exchanger,

wherein the base plate comprises ~~[[has]]~~ a depression with a contour having a shape corresponding to one of ~~running in accordance with~~ the heat exchanger plates ~~[[plate]]~~.

2. (Currently Amended) The heat exchanger as claimed in claim 1, wherein ~~[[the]]~~ flanks of the outermost heat exchanger plate bear, at least in a ~~[[their]]~~ lower region of the flanks, against ~~[[the]]~~ flanks of the contour of the base plate, wherein the contour formed by the depression is recessed in the base plate ~~which contour runs in a recessed manner.~~

3. (Currently Amended) The heat exchanger as claimed in claim 1, wherein one edge of the outermost heat exchanger plate protrudes over the base plate.

4. (Currently Amended) The heat exchanger as claimed in claim 1, wherein the depression in the base plate has a thickness ~~[[is]]~~ greater than a ~~[[the]]~~ material thickness of one of the at least two heat exchanger plates ~~plate of the heat exchanger.~~

5. (Currently Amended) The heat exchanger as claimed in claim 1, wherein the depression in the base plate has a depth ~~[[is]]~~ at least as great ~~[[deep]]~~ as a ~~[[the]]~~ material thickness of one of the heat exchanger plates ~~plate of the heat exchanger~~ plus half of a ~~[[the]]~~ clear height between the outermost heat exchanger plate, which bears against the base plate, and a ~~[[the]]~~ second outermost heat exchanger plate.

6. (Currently Amended) The heat exchanger as claimed in claim 1, wherein the depression in the base plate is at least as deep as a [[the]] material thickness of one of the at least two heat exchanger ~~plates~~ plate of the heat exchanger plus a [[the]] clear height between the outermost heat exchanger plate, which bears against the base plate, and a [[the]] second outermost heat exchanger plate.

7. (Currently Amended) The heat exchanger as claimed in claim 1, wherein the contour in the base plate is produced by ~~means of~~ embossing, casting or machining.

8. (Currently Amended) The heat exchanger as claimed in claim 1, wherein the base plate has at least one supply opening for the heat exchanger medium or the second medium ~~one of the media~~.

9. (Currently Amended) The ~~use of a~~ heat exchanger as claimed in claim 1, wherein the heat exchanger is ~~[[as]] a charge-air/coolant cooler, exhaust gas cooler, evaporator or oil cooler.~~

10. (New) The heat exchanger as claimed in claim 1, wherein the heat exchanger is an oil cooler.

11. (New) The heat exchanger as claimed in claim 1, wherein the heat exchanger is an exhaust gas cooler.

12. (New) The heat exchanger as claimed in claim 1, wherein the heat exchanger is an evaporator.